



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
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सं० 44] नई दिल्ली, शनिवार, अक्टूबर 31, 1981 (कार्तिक 9, 1903)  
No. 44] NEW DELHI, SATURDAY, OCTOBER 31, 1981 (KARTIKA 9, 1903)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा आरो की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices issued by the Patent Office relating to Patents and Designs].

THE PATENT OFFICE  
PATENTS AND DESIGNS  
Calcutta, the 31st October 1981  
*CORRIGENDA*

(i)  
In the Gazette of India, Part III, Section 2 dated the 26th September 1981 under the heading "PATENTS SEALED" delete 147768.

(ii)  
In the Gazette of India, Part III, Section 2, dated the 27th June 1981 under the heading "COMPLETE SPECIFICATION ACCEPTED".

In page 360, column 2, line 10 against No. 148827 please insert "convention Date 25th October 1977 (U.K. Application No. 44253/77" below Application No. 694/DEL/78 etc.

(iii)  
In the Gazette of India, Part III, Section 2, dated the 6th June 1981 under the heading "COMPLETE SPECIFICATION ACCEPTED".

In page 299, column 2, please insert complete specification No. 148774 with all its subject matter given below after No. 148773

CLASS 32.A.2., 32.F. 1.  
Int. Cls. C07.C 47/68, C09b 1/24.

148774.

"PROCESS FOR SEPARATING OFF 1-AMINO-4-BROMOANTHRAQUINONE-2-SULPHONIC ACID".

Applicants : BAYER AKTIENGESELLSCHAFT.

Inventors : HEINRICH LEISTER, HELMUT DITTMER, HUBERT SCHONHAGEN.

Application No. 592/DEL/78 filed August 10, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Municipal Market, 3rd Floor, Saraswati Marg, Karol Bagh, New Delhi-110005.

## 4 Claims.

Process for separating off 1-amino-4-bromoanthraquinone-2-sulphonic acid, or the alkali metal salt thereof, from the reaction mixture formed during their preparation by bromination of 1-amino-anthraquinone-2-sulphonic acid in sulphuric acid, characterised in that when the concentration of sulphuric acid is adjusted, by mixing the reaction mixture with water, which optionally contains sulphuric acid, to a value such that the 1-amino-4-bromoanthraquinone-2-sulphonic acid precipitates as the sulphate and the latter is isolated and converted into 1-amino-4-bromoanthraquinone-2-sulphonic acid, or the alkali metal salts thereof, by the action of water, if appropriate in the presence of alkali metal hydroxides, alkali metal oxides or alkali metal salts.

(Complete specification 15 pages).

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700017

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

*24th September, 1981*

- 1061/Cal/81. BBC Brown Boveri & Company. A rotational-speed setpoint value generator for the spindle drive of a ring spinner.
- 1062/Cal/81. Union Carbide Corporation. Process for the selective production of ethanol and methanol directly from synthesis gas.
- 1063/Cal/81. V. N. Anikeev, V. F. Surovkin, A. N. Budin and G. V. Sazhin. Conductive carbon black and a process for producing the same.
- 1064/Cal/81. Institut Elektrosvarki Imeni E.O. Patona Akademii Nauk Ukrainskoi SSR. Method of electroslag welding and flux therefor.
- 1065/Cal/81. Proizvodstvennoe Geologicheskoe Obiedinenie Tsentralnykh Rainonov "Tsentrgeologia" and Severo-Zapadnoe Proizvodstvennoe Geologicheskoe Obiedinenie "Sevzapgeologia". Arrangement for full hole drilling.
- 1066/Cal/81. Fiziko-Tekhnichesky Institut Akademii Nauk Belorusskoi SSR. Method of manufacturing articles by deformation of cylindrical blanks.
- 1067/Cal/81. Frank Plasser Bahnbaumaschinen Industriegesellschaft. M.B.H. A travelling on-track machine for consolidating the ballast bed of a railway track.

*25th September, 1981*

- 1068/Cal/81. Outokumpu Oy. A process for the recovery of lead, silver and gold from the iron-bearing residue of an electrolytic zinc process.
- 1069/Cal/81. Outokumpu Oy. A process for the treatment of a raw material which contains oxide and ferrite of zinc, copper and cadmium.
- 1070/Cal/81. Leningradskoe Proizvodstvennoe Elektromashinostroitelnoe Obiedinenie "Elektrosila" Imeni S. M. Kirova. Hydrogen presence monitoring device for electric machine stator winding water-cooling system.
- 1071/Cal/81. Leningradskoe Proizvodstvennoe Elektromashinostroitelnoe Obiedinenie "Elektrosila" Imeni S. M. Kirova. Arrangement for supporting stator end windings of an electrical machine.
- 1072/Cal/81. Gosudarstvenny Proektno-Konstruktorsky i Experimentalny Institut PO Obogatitelnomu Obrudovaniju "Gipromashobogaschenie" and Vsesojuzny Nauchno-Issledovatel'sky i Proektny Institut Mekhanicheskoi Obrabotki Poleznykh Iskopayemykh. Pulp aerator for a flotation cell.
- 1073/Cal/81. Institut Vysokikh Temperatur Akademii Nauk SSSR. Device for measuring local electric conductivity of plasma.
- 1074/Cal/81. The Continental Group, Inc. Lightweight container.
- 1075/Cal/81. Hitachi Ltd. Insulated electrical coil.
- 1076/Cal/81. Hoechst Aktiengesellschaft. Water-soluble azo compounds process for their preparation and their use as dyestuffs.
- 1077/Cal/81. Westinghouse Electric Corporation. Method for effectively contacting manganese-activated zinc silicate phosphor with antimony oxide during phosphor coating, and resulting lamp.
- 1078/Cal/81. Westinghouse Electric Corporation. Gasification system.
- 1079/Cal/81. Prof. Dr. Hans R. Muhlemann. Oral compositions comprising hexetidine and zinc salts for the synergistic inhibition of dental plaque. (October 10, 1980).
- 1080/Cal/81. Omnim Redagogique. A control micro-didactometer.

*26th September, 1981*

- 1081/Cal/81. Unisearch Limited. High efficiency solar cell structure. (September, 1980).

- 1082/Cal/81. Cousin Freres. Synthetic string specially for tennis racquets.

*28th September, 1981*

- 1083/Cal/81. Nauchno-Proizvodstvennoe Obiedinenie PO Tekhnologii Mashinostroenia, "Tsnimash". Method of explosive cladding of metallic items.
- 1084/Cal/81. ITT Industries, Inc. Production of high performance rayon fibres.
- 1085/Cal/81. Barr & Stroud Limited. A focal dual-magnification refractor telescopes. (October 8, 1980).
- 1086/Cal/81. Barr & Stroud Limited. A focal refractor telescopes. (October 8, 1980).
- 1087/Cal/81. Edward L. Bateman Limited. External drive system for a vehicle.
- 1088/Cal/81. Orissa Cement Limited. Method of lining or repairing furnace parts.
- 1089/Cal/81. K. P. Industries. Improved candle lamp holder.

APPLICATIONS FOR PATENTS FILED AT PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, 3RD FLOOR, KAROL BAGH, NEW DELHI-5

*24th August, 1981*

- 539/Del/81. Awadhesh Kumar Sharma, "Automatic Paddy Transplanter (A machine for transplantation of plant of Paddy)".
- 540/Del/81. Ansaldo S.p.A., "Safety Device for Spring-Controlled Circuit Breakers which are movable in a housing Cubicle."
- 541/Del/81. British Underwater Pipeline Engineering Limited, "Improvements in or relating to the securing of structures to the Sea Bed." (September 8, 1980).

*25th August, 1981*

- 542/Del/81. Union Carbide Corporation, "Nonaqueous Cell Employing an Iron Compound Cathode and a PC-DME-LiCF<sub>3</sub>SO<sub>3</sub> Electrolyte."
- 543/Del/81. Dorr-Oliver Incorporated, "Corner Sweep Mechanism for Square Settling Tank."
- 544/Del/81. Union Carbide Corporation, "Nonaqueous Cell having a MnO<sub>2</sub>/Poly-Carbon Fluoride Cathode."
- 545/Del/81. Singh & Associates, "A method of Hot Rolling of a Stock."
- 546/Del/81. Shri Geur Dham Trust (Regd.), "A Power Loom."
- 547/Del/81. Gopi Krishan Kabra, "A Portable Igniting Appliance."

*26th August, 1981*

- 548/Del/81. Scapa-Porritt Limited, "Link Belts." (September 6, 1980).
- 549/Del/81. Valentin Sitjas Vilargunte, "Warp and Weft Weaving Machines."
- 550/Del/81. Nippon Steel Corporation, "Laminated Core of Transformer."
- 551/Del/81. Cesar Romero-Sierra, "Chemical Process."
- 552/De/81. Imperial Chemical Industries PLC., "Synthesis" (September 4, 1980 & January 22, 1981).

*27th August, 1981*

- 553/Del/81. The Gillette Company, "A Razor Blade Assembly."
- 554/Del/81. Pandrol Limited, "A rail clip and an assembly on a railway track which includes the clip." (September 29, 1980).

*28th August, 1981*

- 555/Del/81. Purolator India Limited, "A Filter Insert."
- 556/Del/81. Madan Mohan Sharma, "A Reinforced Ball."

*29th August, 1981*

- 557/Del/81. Pfizer INC., "Novel Antiinflammatory and

Immunoregulatory Pyridines." [Addition to 597/Del/80].

31st August, 1981

558/Del/81. Sinter Limited, "Device for applying solder to printed circuit Boards and a process for introducing these into and removing them from this device."

559/Del/81. Textiletechniek Haaksbergen B.V., "Manufacture of Link Belts." (September 26, 1980).

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 129G 149342  
Int. Cl.-B21c 23/00, 23/08.

#### METHOD AND APPARATUS FOR MAKING SHAPED PRODUCT FROM FLONGATED WORKPIECES.

Applicant : WESTERN ELECTRIC COMPANY, INCORPORATED, OF 195 BROADWAY, NEW YORK CITY, NEW YORK STATE, UNITED STATES OF AMERICA.

Inventor : FRANCIS JOSEPH FUCHS, JR.  
Application No. 1515/Cal/77 filed October 15, 1977.  
Convention date February 18, 1977/(06873/77) U.K.  
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 26 Claims

Method of making a shaped product, for example, wire, from an elongated workpiece, for example, rod, comprising the steps of (1) feeding the workpiece in a manner herein described between a initially extending surface of a rotary first member and an opposed co-operating surface of a second member, and (2) causing the second member in a manner as herein described to be driven so that pressure applied by the members to the workpiece transports it to and forces it against a deforming member which produces the extruded profile so as to effect continuous shaping of the workpiece.

Comp. Specn. 26 pages. Drg. 7 sheets.  
CLASS 27-I & L 149343  
Int. Cl.-E02d 5/00, 27/00.

#### A PRECAST THREADED REINFORCED CONCRETE PILE.

Applicant & Inventor : WILLIAM FRANCIS GILLEN, JR. OF 6518 LAM ROAD, NEW ORLEANS, LOUISIANA 70126, UNITED STATES OF AMERICA.

Application No. 1577/Cal/77 filed November 2, 1977.  
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 20 Claims

A precast threaded reinforced concrete pile, comprising: (a) a metallic upper portion forming a nut like portion or a metallic portion with a hole thus providing a connection for the application of rotational driving force thereto; (b) a metallic reinforcement core integrally connected to said metallic upper portion; and (c) a generally conically shaped cementitious body cast about said core, said body having an outer surface provided with substantially equally spaced spiral screw threads along the entire length thereof whereon said threads have a relatively minor thread pitch providing a projecting surface of a relatively slight angle with the vertical for engaging and bearing against the soil into which said pile is inserted, the relatively minor thread pitch being mechanically compatible with the soil into which the pile is inserted, a reduced torsional stress being experienced by the pile.

Comp. Specn. 28 pages. Drg. 4 sheets.  
CLASS 33D & E & 130F 149344  
Int. Cl.-B22d 25/04.

#### A METAL CASTING APPARATUS PARTICULARLY FOR MOULDING BATTERY PLATES OR GRIDS.

Applicant : GLOBE-UNION INC., OF P.O. BOX 591 MILWAUKEE, WISCONSIN 53201, UNITED STATES OF AMERICA.

Inventors : PAUL EDWARD BENTZ AND ROBERT WILLIAM MAYER.

Application No. 5/Cal/78 filed January 2, 1978.  
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A metal casting apparatus and in particular for moulding articles such as battery plates or grids comprising a mould, a ladle for containing molten metal, said ladle being supported above said mould and being shiftable between a first position wherein the molten metal is contained in the ladle and a second position wherein molten metal is poured into said mould, the ladle having a front wall including at least one spout having a lower lip portion and means for turning the ladle into said second position wherein means are provided for preventing the formation of drippage adjacent said spout when the ladle is shifted from said second position to said first position, said means comprising an elongated gate bar supported against the front wall of the ladle and shiftable relative to said spout between a second gate bar position when the ladle is in said second position and wherein said bar allows molten metal to flow from said spout and to a first gate bar position when the ladle is in said first position and wherein said bar covers at least said lip portion of said spout, and including biasing means for supporting said gate bar against said front wall for movement between the said first position and said second position.

Comp. Specn. 13 pages. Drg. 2 sheets.  
CLASS 107G 149345  
Int. Cl.-F01b 3/10.

#### IMPROVEMENTS IN OR RELATING TO APPARATUS FOR IMPROVING THE EFFICIENCY OF INTERNAL COMBUSTION ENGINES.

Applicant : SOCIETE D'ETUDES DE MACHINES THERMIQUES S.E.M.T., OF 2, QUAI DE SEINE-93202 SAINT-DENIS, FRANCE.

Inventor : REMI CURTIL.  
Application No. 154/Del/78 filed February 27, 1978.  
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

#### 7 Claims

Apparatus for improving the efficiency of a four stroke cycle internal combustion engine having an intake manifold, a plurality of cylinders, a/c crank-shaft, and, for each cylinder, a piston connected to the crank-shaft an exhaust valve, an intake valve, an intake conduit connecting the intake manifold to the intake valve, characterized in that it comprises a non-return valve mounted in said intake conduit at a location spaced from the intake valve

to provide a reserve chamber of a predetermined volume in the conduit.

Comp. Specn. 22 pages.

Drg. 5 sheets.

CLASS 32B

149346

Int. Cl.-C07c 3/00, 3/10, 15/00.

**IMPROVED VAPOUR PHASE CATALYTIC ISOMERIZATION PROCESS OF MONOCYCLIC METHYL SUBSTITUTED AROMATIC HYDROCARBON FEEDSTOCK.**

*Applicant* : MOBIL OIL CORPORATION, OF 150 EAST 42ND STREET, NEW YORK, NEW YORK, 10017, UNITED STATES OF AMERICA.

*Inventors* : FRITZ ARTHUR SMITH, ALBERT B. SCHWARTZ AND LLOYD LEE BRECKENRIDGE.

Application No. 713/Cal/78 filed June 28, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process for effecting catalytic isomerization of monocyclic methyl-substituted aromatic hydrocarbon compounds of from 8 to 10 carbon atoms contained in a feedstock also containing ethylbenzene which comprises reacting said feedstock in the vapor phase over a catalyst comprising a crystalline aluminosilicate zeolite having a constraint index within the range of 1 to 12, said zeolite containing hydrogen, hydrogen precursor and/or Group VIII metal cations, at a temperature of 600°F to 900°F, a pressure of 0 psig to 500 psig, a hydrogen/hydrocarbon mole ratio of 0 to 10 and a weight hourly space velocity of 0.1 to 200, said catalyst having been contacted with one or more basic nitrogen compounds or precursors thereof such as herein described the resulting ratio of nitrogen atoms/aluminium atoms in the zeolite being from 0.01 to 1.0.

Comp. Specn. 21 pages.

Drg. 1 sheet.

CLASS 39K & 40F & H

149347

Int. Cl.-C01b 17/56, 17/72, B01d 53/00.

**PROCESS FOR SEPARATING SO<sub>2</sub> FROM A CURRENT OF GAS CONTAINING THE SAME, AND PLANT FOR CARRYING OUT SUCH PROCESS.**

*Applicant* : CIBA-GEIGY AG, KLYYBECKSTRASSE 141, 4002 BASLE, SWITZERLAND.

*Inventor* : VOLKER FATTINGER.

Application No. 801/Cal/78 filed July 20, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

30 Claims

A process for separating SO<sub>2</sub> from a current of gas containing the same, at least intermittently, in a concentration which is impermissibly high for discharge into the ambient atmosphere, with attendant production of sulfuric acid by the nitrogen oxide process, in which latter process the SO<sub>2</sub>-containing gas initially flows either through a denitrification zone, or through a pretreatment zone constituting a first sector of an SO<sub>2</sub> processing zone, and then through the said denitrification zone, thereafter through the main sector of the SO<sub>2</sub>-processing zone, and subsequently through a nitrogen oxide absorption zone, the current of the gas being brought into contact in at least one of the two sectors of the SO<sub>2</sub>-processing zone with dilute acid having a concentration of less than 70% by weight (55° Be) of H<sub>2</sub>SO<sub>4</sub> which is circulated through the respective sector of this SO<sub>2</sub>-processing zone, whilst in the absorption zone the nitrogen oxides released in the denitrification zone are absorbed by sulfuric acid released in the denitrification zone and absorbed by sulfuric acid, and nitroso-containing acid having a H<sub>2</sub>SO<sub>4</sub>-concentration of 70 to 80% by weight (55 to 63.5° Be) is drawn off from the absorption zone and fed into the denitrification zone, which process further comprises :

- (a) measuring the content of NO in the current of gas at a point in the absorption zone or downstream of the absorption zone or simultaneously at points both in the absorption zone and downstream thereof, and

(b) introducing a nitrogen-oxygen compound selected from the group consisting of NO, NO<sub>2</sub>, N<sub>2</sub>O<sub>3</sub>,

nitroso-containing sulfuric acid and nitric acid into the liquid phase of the diluted acid cycle of at least one packed tower of the SO<sub>2</sub>-processing zone when a specific NO-content limit value of the NO-content set to comply with the existing NO-emission standard is exceeded or when the slope reflecting the rate of increase of the NO-content in the current of gas, passing through said NO-control point or points defined in (a) exceeds a limit value set for said slope, while in either case said NO-content is still below said standard, said nitrogen-oxygen compound being introduced in an amount sufficient to decrease the NO-content below said first specific limit value or to decrease said slope below said slope limit value.

Comp. Specn. 59 pages.

Drg. 5 sheets.

CLASS 172A & E

149348

Int. Cl.-B65h 59/00.

**A DEVICE FOR CONTROLLING THE TENSION OF YARN UNWINDING FROM A YARN SUPPORTING BODY.**

*Applicant* : SAVIO & C. S.P.A., OF CORSO BUENOS AIRES 79, MILAN, ITALY.

*Inventors* : ERMANNO SAVIO, SERGIO CALAMANI AND EUGENIO TURRI.

Application No. 998/Cal/78 filed September 12, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A device for controlling the tension in the yarn unwinding from a yarn carrying body, particularly from an apparatus for storing the yarn and feeding it to using machines, comprising two shaped bodies facing each other and coaxial with said yarn carrying body, the first shaped body being fast with the latter, while the second shaped body, having an axial hole passing therethrough for the passage of the yarn drawn from said carrying body and the tension of which has been controlled, is carried by a fixed bracket, wherein the outer edge of said first shaped body has a continuous series of elongated flexible hairs inwardly projecting therefrom and distributed according to a conical surface, with one end thereof fast with said edge, and inclined in a direction towards the second shaped body and in the tangential unwinding direction of the yarn, the other end of said hairs being free and positioned adjacent the free edge of an elongated annular projection axially extending from the first shaped body, an annular projection of an intermediate diameter between the diameters of the outer edge and annular projection of the first shaped body extending from the second shaped body to the first shaped body extending from the second shaped body to the first shaped body to the first shaped body, under the device use conditions the free edge of the annular projection of the second shaped body contacting said hairs at an intermediate location of the length thereof.

Comp. Specn. 11 pages.

Drg. 2 sheets.

CLASS 129C & G. & 131B<sub>4</sub>

149349

Int. Cl.-B23b 51/02, E21c 13/00.

**AN IMPROVED DRILL FOR HIGH-FEED MACHINING OPERATIONS.**

*Applicant & Inventor* : RYOSUKE HOSOI, OF 59-10, KAMI-MINAMI, HIRANO-KU, OSAKA, JAPAN.

Application No. 1289/Cal/78 filed December 1, 1978.

Complete Specification left June 23, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An improved drill for high-feed machining operations comprising a pair of spiral cutting edges extending from the center of rotation of the drill symmetrically with respect to the center and curved outward toward the direction of rota-

tion of the drill with its greatest curvature proximate the center portion of the drill compared to the outer peripheral portion of the drill when seen in a bottom view, each of the cutting edges being formed with a rake face having a rake angle approximate to zero at the portion thereof corresponding to a chisel portion.

Comp. Specn. 23 pages.

Drg. 6 sheets.

CLASS 32E

149350

Int. Cl.-C08j 3/00, 15/00.

**SUSPENSION POLYMERIZATION PROCESS FOR PRODUCING POLYMERS OF VINYL AND VINYLIDENE HALIDES AND COPOLYMERS THEREOF.**

*Applicant* : THE B.F. GOODRICH COMPANY, 277 PARK AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

*Inventor* : GEORGE DAVID LONGEWAY.

Application No. 376/Cal/79 filed April 17, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings

In a suspension polymerization process for producing polymers of vinyl and vinylidene halides and co-polymers thereof with each other or either with one or more vinylidene monomers having at least one terminal  $\text{CH}_2=\text{C}$  < grouping, wherein said monomer(s) are polymerized in the presence of a suspending agent like hydrolyzed polyvinyl acetate, and a free-radical producing catalyst, like alkaryl and alkanoyl diperoxides and mono-hydro peroxides, peroxy-esters, percarbonates, the improvement which comprises conducting the polymerisation reaction at a temperature higher than the normal reaction temperature up to about 10% conversion of monomer(s) to polymer, thereafter gradually reducing the temperature of the reaction mixture by about 2°C to about 10°C until a conversion of about 70% is reached and continuing said reaction at the lower temperature until completion, where by the reaction rate is substantially linearized.

Comp. Specn. 10 pages.

Drgs. Nil.

CLASS 32-D

149351

Int. Cl.-C07f 3/00.

**PROCESS FOR THE SYNTHESIS OF ANHYDROUS MAGNESIUM HALIDE.**

*Applicant* : SOCIETE CHIMIQUE DES CHARBONNAGES, OF TOUR AURORE CEDEX 5 92080 PARIS LA DEFENSE, FRANCE.

*Inventors* : KAREL BUJADOUX ENGINEER, JEAN PIERRE HOUZEAX AND JEAN-MARIE NEYER.

Application No. 839/Del/79 filed November 21, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

4 Claims

A process for the synthesis of anhydrous magnesium halide using an organomagnesium halide prepared by reacting an organic mono-halide of the formula RX, wherein R is an organic radical and X is a halogen atom, with magnesium under an inert and dry gas atmosphere, in which the metal is in molar excess with respect to the mono-halide, which comprises reacting said organomagnesium halide with a compound of the formula A-B, in which A is a halogen and B is either hydrogen or a halogen, that the organomagnesium halide is a solid and that the compound A-B is gaseous.

Comp. Specn. 17 pages.

Drg. 1 sheet.

**PATENT SEALED**

147479 147768 147785 147834 147862 147899 147920 147926  
147927 147936 148002 148006 148018 148083 148246 148248  
148249 148266 148383 148386 148418 148424 148425 148429  
148437 148442 148446 148453 148459 148461 148462.

**AMENDMENT PROCEEDINGS UNDER SECTION 57**

Notice is hereby given that C. Conradty Nurnberg GmbH & Co., KG., a German Company of D-8505 Rothenbach

a.d. Pegnitz, Grunthal Federal Republic of Germany, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 146923 for "Carbon body and method of manufacturing it". The amendments are by way of correction so as to describe the nature of the invention more clearly and precisely. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700 017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

**AMENDMENT PROCEEDINGS UNDER SECTION 57**

The amendments proposed by Vereinigte Oesterreichische Eisen-Und Stahlwerke-Alpine Montan Aktiengesellschaft, in respect of patent application No. 148108 as advertised in Part III, Section 2 of the Gazette of India dated the 23rd May 1981 have been allowed.

**PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"**

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
142425 (06.07.74)	Recovery of acrylonitrile or methacrylonitrile by condensation from effluents of ammonoxidation reaction of propyle or isobutrylene.
142793 (19.09.75)	Process for the preparation of initially bland-flavoured pre-cooked self stable dehydrated peanut forms.
142930 (13.11.75)	Process for the preparation of 2-(trifluoro-methyl) methane sulfonanilide substituted in the p-position and derivatives thereof.
142959 (21.02.76)	Method for extracting phenols and oligosaccharides from vegetable tissues.
143056 (12.09.74)	A process for treating coal tar pitches to improve their coking value.
143093 (25.06.75)	A method of coating a web of sheet material.
143112 (25.04.75)	Process for preparing copper phthalocyanine pigments of $\alpha$ -modification.
143156 (11.02.76)	Improvement in and relating to kiln planet and a method of preheating and calcining of raw materials.
143191 (17.10.74)	Process for the preparation of new water soluble azodyestuff.
143222 (31.10.72)	Gas phase catalytic process for the manufacture of syanogen chloride from chlorine and hydrogen cyanide.
143341 (17.09.75)	Production of granular ammonium sulphate.
143377 (17.06.76)	Process for production of carbon black.

**RENEWAL FEES PAID**

105985 107363 107430 107551 107581 107588 108123 108124  
108125 108141 108187 108366 112475 112630 112641 112681  
112758 112779 112809 112910 112949 112982 113022 113023  
113153 113284 113609 117870 117893 117913 117928 118007  
118056 118087 118088 118139 118248 118251 118253 118254  
118629 118808 118844 118999 119024 119110 119141 119193  
123394 123399 123461 123463 123480 123481 123497 123580  
123612 123740 123806 123827 123839 123907 124051 124546  
124564 128709 128790 128805 128864 128884 128932 128934  
128946 129020 129331 129482 129842 129843 129939 130076  
130109 130128 133079 133100 133102 133147 133148 133174  
133227 133233 133394 133408 133566 133692 133714 133841

134078 134083 135581 135631 135690 135922 135953 136278  
 136436 136529 136563 136564 136744 136782 136783 136847  
 136880 136961 136971 137036 137078 137088 137114 137226  
 137254 137316 137426 137500 137531 137535 137729 137836  
 137976 138308 138333 138481 138499 138681 138775 138849  
 139065 139116 139353 139365 139550 139611 139955 139988  
 140011 140096 140128 140176 140468 140626 140656 140689  
 140888 141056 141220 141699 141803 141929 141969 142187  
 142331 142350 142405 142492 142578 142629 142630 142631  
 142632 142759 142836 142840 142970 142976 143003 143013  
 143025 143213 143237 143345 143379 143442 143538 143650  
 143663 143799 143824 143825 143826 143917 143931 143997  
 144139 144151 144195 144230 144231 144293 144301 144450  
 144532 144548 144779 144904 144966 144967 144985 145113  
 145166 145207 145218 145366 145376 145420 145566 145581  
 145640 145702 145744 145751 145979 146099 146105 146206  
 146211 146273 146333 146437 146531 146591 146648 146705  
 146723 146791 146822 146905 147254 147255 147551 147911  
 147922.

#### RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 115511 granted to Eli Lilly and Company for an invention relating to "process for preparing substituted-5-pyrimidine compounds". The patent ceased on the 18th April, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section dated the 1st August, 1981.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 31st December, 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 115338 granted to Eli Lilly and Company for an invention relating to "a novel herbicidal composition". The patent ceased on the 8th April, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section dated the 1st August, 1981.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 31st December, 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 136662 granted to The K.C.P. Limited for an invention relating to "improvements in or relating to hammer drill". The patent ceased on the 27th July, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section dated the 27th June, 1981.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 31st December, 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made

under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 137527 granted to The K.C.P. Limited for an invention relating to "a clarifying apparatus for use for the clarification of sugar cane juice and other liquids." The patent ceased on the 2nd July, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section dated the 27th June, 1981.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 31st December, 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 146281 granted to Precision Processing Equipment for an invention relating to "electromechanical actuator". The patent ceased on the 20th September, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section dated the 1st August, 1981.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 31st December, 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

- Class 5. No. 150240. I.T.C. Limited of 37, Chowringhee Road, Calcutta. "Match Boxes". December 30, 1980.
- Class 5. No. 150241. I.T.C. Limited of 37, Chowringhee Road, Calcutta. "Match Boxes". December 30, 1980.
- Class 5. No. 150242. I.T.C. Limited of 37, Chowringhee Road, Calcutta. "Match Boxes". December 30, 1980.
- Class 5. No. 150243. I.T.C. Limited of 37, Chowringhee Road, Calcutta. "Match Boxes". December 30, 1980.
- Class 5. No. 150244. I.T.C. Limited of 37, Chowringhee Road, Calcutta. "Match Boxes". December 30, 1980.
- Class 5. No. 150245. I.T.C. Limited of 37, Chowringhee Road, Calcutta. "Match Boxes". December 30, 1980.
- Class 5. No. 150246. I.T.C. Limited of 37, Chowringhee Road, Calcutta. "Match Boxes". December 30, 1980.
- Class 5. No. 150247. I.T.C. Limited of 37, Chowringhee Road, Calcutta. "Match Boxes". December 30, 1980.
- Class 5. No. 150248. I.T.C. Limited of 37, Chowringhee Road, Calcutta. "Match Boxes". December 30, 1980.
- Class 5. No. 150249. I.T.C. Limited of 37, Chowringhee Road, Calcutta. "Match Boxes". December 30, 1980.
- Class 5. No. 150250. I.T.C. Limited of 37, Chowringhee Road, Calcutta. "Match Boxes". December 30, 1980.

S. VEDARAMAN  
Controller General of Patents & Design